



**MODEL RESULTS SUMMARY:** The end of operation waste plume is ovoid in shape. The end of operations waste plume (12/31/2020) is approximately 14,100 feet long and approximately 13,650 feet wide. The injected waste plume extends 38,500 feet up-gradient towards Clinton Dome, approximately 14,500 feet up-gradient towards the northeast, and 6,600 feet down-gradient from the WDW-397 injection well and is approximately 24,200 feet wide at its widest point after 10,000 years.

# LEGEND

- Location
- Location Abandoned
- Rig Up
- Drilling
- Dry & Abandoned
- Oil Well
- Oil Well Abandoned
- ✱ Gas Well
- ✱ Gas Well Abandoned
- ✱ Well Abandoned-Show of Oil & Gas
- ✱ Well Abandoned-Show of Oil
- ✱ Well Abandoned in Salt
- ✱ Well Abandoned in Cap Rock
- ✱ Core Test Well
- ✱ Wet Gas Or Condensate Well
- ✱ Wet Gas Or Condensate Well Abnd
- ✱ Producing Oil & Gas
- ✱ Injection Well

Grant Or Section Line  
County Line  
State Line  
Line Visible On Aerial Photo

Agrifos Fertilizer and  
Gyp-Stack Locations

-4650 Post Numbers  
F/O Horizon Faulted Out

Base Map - Net Sand Isopach Map of Frio E&F Sand  
Modeled Waste Plume Density = 61.45 lb/ft<sup>3</sup>  
Injection Interval Formation Fluid Background Flow Velocity = 0.0 ft/yr

--- End of Operations (12/31/2020) Waste Plume Boundary  
— 10,000-Year Waste Plume Boundary

## PLATE 7-15

**TERRA**  
DYNAMICS INC

**MAXIMUM EXTENT OF MODELED  
PLUME AT END OF OPERATIONS  
AND 10,000 YEARS (ExMob\_EF)  
(Frio E&F Sand Isopach Map)**

PREPARED FOR  
**EXXON MOBIL CORPORATION  
PASADENA, TEXAS**

DRAWN BY: tdm	SCALE: As Indicated	DATE: Revised: 02-15-2011
DESIGNED BY: SAME		JOB NO: 11-101
CHECKED BY: T. Moody		